

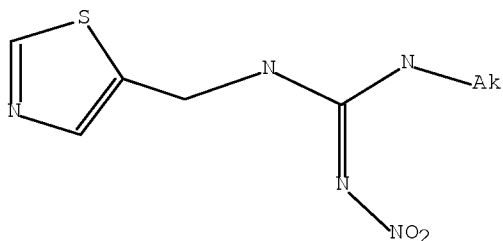
L1 STRUCTURE UPLOADED

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



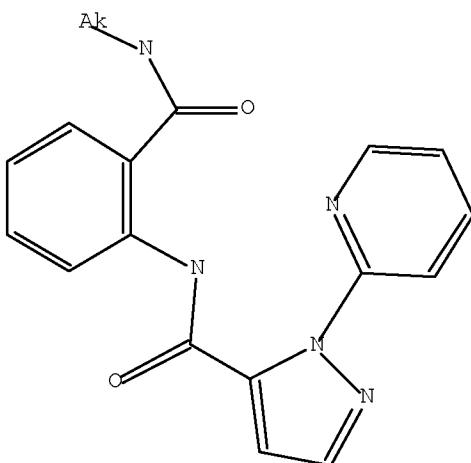
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L2 STRUCTURE UPLOADED

=> d 12

L2 HAS NO ANSWERS

L2 STR



L3 50 S L1 SSS SAM

L4 6150 S L1 SSS FULL

L5 50 S L2 SSS SAM

L6 94051 S L2 SSS FULL

FILE 'HCAPLUS' ENTERED AT 08:30:43 ON 31 DEC 2009

L7 873 S L4

L8 464 S L6

L9 121 S L7 AND L8

L10 13 S L9 AND (PY<=2004 OR AY<=2004 OR PRY<=2004)

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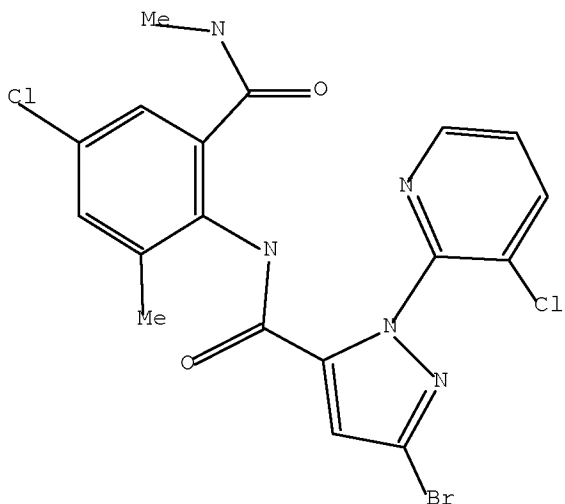
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L11 STRUCTURE UPLOADED

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L11 HAS NO ANSWERS

L11 STR



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L13 106 S L11 SSS FULL SUB=L6

FILE 'HCAPLUS' ENTERED AT 08:35:10 ON 31 DEC 2009

L14 369 S L13

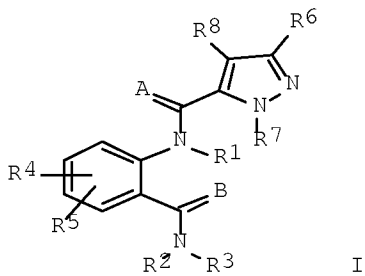
L15 112 S L14 AND L7

L16 3 S L15 AND (PY<2004 OR AY<2004 OR PRY<2004)

L16 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Method for controlling particular insect pests by applying  
anthranilamide  
compounds

GI



AB Anthranilamide compds. I (Markush included), N-oxides or an agriculturally suitable salts thereof are prepared as insecticides for controlling lepidopteran, homopteran, hemipteran, thysanopteran and coleopteran insect pests. Insecticidal composition containing anthranilamide compds. I may further comprise addnl. biol. active compds. selected from arthropodocides of the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones,  $\gamma$ -aminobutyric acid (GABA) antagonists, insecticidal ureas, and juvenile hormone mimics.

ACCESSION NUMBER: 2003:154154 HCAPLUS Full-text  
DOCUMENT NUMBER: 138:200331  
TITLE: Method for controlling particular insect pests by applying anthranilamide compounds  
INVENTOR(S): Lahm, George Philip; McCann, Stephen Frederick; Patel, Thomas  
Kanu Maganbhai; Selby, Thomas Paul; Stevenson, Martin  
PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA  
SOURCE: PCT Int. Appl., 150 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 4  
PATENT INFORMATION:

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WO 2003015518	A1	20030227	WO 2002-US25613	
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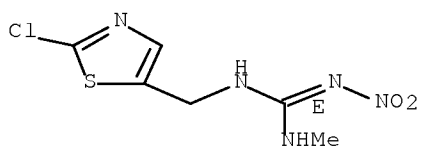
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      E 210880-92-5/RN
L18      1 S E15

L18  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2009 ACS on STN
RN    210880-92-5  REGISTRY
ED    Entered STN:  06 Sep 1998
CN    Guanidine, N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N''-nitro-,
      [C(E)]-
      (CA INDEX NAME)
OTHER NAMES:
CN    (E)-1-(2-Chloro-1,3-thiazol-5-yl methyl)-3-methyl-2-nitroguanidine
CN    Apacz
CN    Arena
CN    Belay
CN    Celero
CN    Clothianidin
CN    Clutch
CN    Clutch (insecticide)
CN    Dantotsu
CN    Fullswing
CN    Poncho
CN    Poncho 600
CN    Takeloc CLMN 10
CN    Takeloc MC 50E
CN    TI 435
CN    TM 44401
CN    V 10170
FS    STEREOSEARCH
DR    205510-53-8
MF    C6 H8 Cl N5 O2 S
CI    COM
SR    CA
LC    STN Files:  ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CHEMCATS,
      CHEMLIST, CSCHEM, HSDB*, IFICDB, IFIPAT, IFIUDB, MRCK*,
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      RTECS*, TOXCENTER, ULIDAT, USPAT2, USPATFULL
      (*File contains numerically searchable property data)

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Double bond geometry as shown.



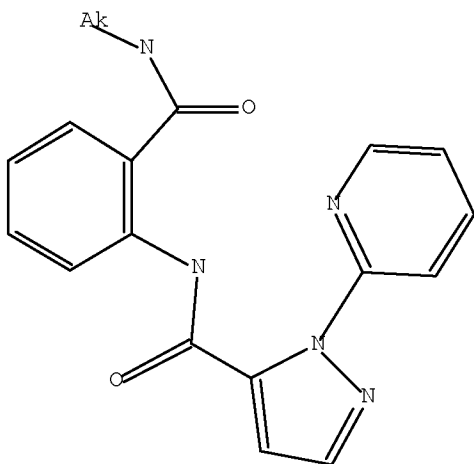
L19 0 S L16 AND SYNERG?

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



FILE 'REGISTRY' ENTERED AT 09:34:00 ON 31 DEC 2009

L2 50 S L1 SSS SAM

L3 94051 S L1 SSS FULL

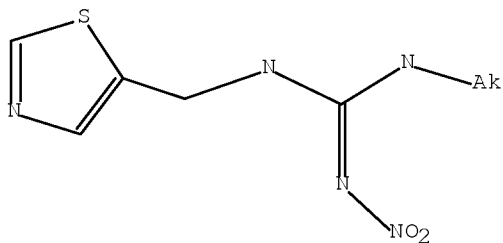
L4 STRUCTURE UPLOADED

L4 STRUCTURE UPLOADED

=> d 14

L4 HAS NO ANSWERS

L4 STR

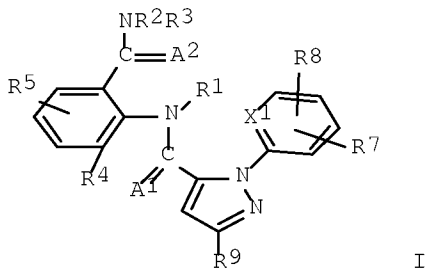


L5                    50 S L4 SSS SAM  
 L6                    6150 S L4 SSS FULL

FILE 'HCAPLUS' ENTERED AT 09:35:34 ON 31 DEC 2009

L7                    464 S L3  
 L8                    873 S L6  
 L9                    433 S L7 AND (PESTICIDE OR INSECTICIDE)  
 L10                   74 S L9 AND SYNERG?  
 L11                   6 S L10 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 L12                   830 S L8 AND (PESTICIDE OR INSECTICIDE)  
 L13                   153 S L12 AND SYNERG?  
 L14                   1 S L13 AND L11

L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN  
 TI Synergistic insecticidal compositions comprising nicotinic  
 receptor agonists and antagonists and anthranilic acid amides  
 GI



I

AB Synergistic insecticidal compns. comprising nicotinic receptor  
 agonists and antagonists RNACX:XE [R= H, (un)substituted acyl,  
 alkyl, aryl, etc.; A = H, acyl, alkyl, aryl, etc; E = electron  
 receptor; X = CH or N; Z = alkyl, OR, SR or NR2; ANCZ = cycle] and  
 anthranilic acid amides I [A1, A2 = O or S; X1 = N or C10; R1 =  
 H, (un)substituted alkyl, alkenyl, alkynyl or cycloalkyl, the  
 substituents being R6, halo, CN, etc.; R2 = H, alkyl, alkenyl,  
 alkynyl, cycloalkyl, alkoxy, etc.; R3 = H, alkyl, alkenyl, etc.;  
 R2NR3 = ring; R4 = H, (halo)alkyl, (halo)alkenyl, etc.; R5, R8 =  
 H, halo, (un)substituted (halo)alkyl, etc.; R6 = CH(:E1), LCH(E1),  
 etc.; E1 = O, S, NH, N(S:O), N(NO)2, etc.; L = O, S, NH, etc.; R7 =

H, halo, (halo)alkyl, (halo)alkoxy, etc.; R9 = halo, haloalkyl, haloalkoxy or halosulfinyl].

ACCESSION NUMBER: 2005:470209 HCAPLUS Full-text

DOCUMENT NUMBER: 143:2638

TITLE: Synergistic insecticidal compositions comprising nicotinic receptor agonists and antagonists and anthranilic acid amides

INVENTOR(S): Funke, Christian; Fischer, Reiner; Fischer, Ruediger; Hungenberg, Heike; Andersch, Wolfram; Thielert, Wolfgang; Kraus, Anton

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 71 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

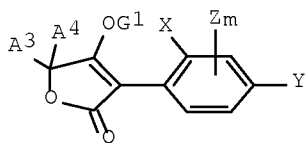
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WO 2005048711	A1	20050602	WO 2004-EP12328	
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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CA 2545586	A1	20050602	CA 2004-2545586	
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EP 1686857	A1	20060809	EP 2004-791081	
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 JP 2007510681 T 20070426 JP 2006-538720  
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 AT 416614 T 20081215 AT 2004-791081  
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 WO 2004-EP12328 W  
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L15 1 S US 20070232598/PN  
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 L16 44 S E5  
 L17 7 S L16 AND (L11 OR L13)  
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 L20 16 S L16 AND (L7 OR L8)  
 L21 6 S L20 AND (PY<2004 OR AY<2004 OR PRY<2004)  
 L22 6 S L21 AND SYNERG?  
 L23 5 S L22 NOT L15

L23 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN  
 TI Synergistic insecticidal and acaricidal compositions comprising  
 anthranilic acid amides  
 GI



I

AB Synergistic insecticidal and acaricidal compns. comprise keto enols I [X = (halo)alkyl, Br or alkoxy; Y = H, (halo)alkyl, halo or alkoxy; Z = alkyl, halo or alkoxy; m = 0,1-3; A3 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, etc.; A4 = H, alkyl or alkoxy; A3CA4 = cycle; G1 = H, COR, CO2R1, etc.; R = (halo)alkyl, (halo)alkenyl, (halo)alkoxyalkyl, (halo)alkylthioalkyl, (un)substituted Ph,etc.; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl or (halo)polyalkoxyalkyl] or any of a large number of known insecticides and acaricides on one hand and anthranilic acid amides on the other hand.

ACCESSION NUMBER: 2005:470210 HCAPLUS Full-text  
DOCUMENT NUMBER: 143:2639  
TITLE: Synergistic insecticidal and acaricidal compositions comprising anthranilic acid amides  
INVENTOR(S): Funke, Christian; Bretschneider, Thomas; Fischer, Reiner; Fischer, Ruediger; Hungenberg, Heike;  
Andersch, Wolfram; Thielert, Wolfgang; Kraus, Anton  
PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany  
SOURCE: PCT Int. Appl., 79 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

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WO 2005048712	A1	20050602	WO 2004-EP12329	
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 L37            1 S L36 NOT L23  
 L38            1 S L37 NOT L29

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L42      8 S L41 AND (ENHANCE? OR SYNERG?)
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L53      8 S L52 NOT L23
L54      8 S L53 NOT L29
L55      7 S L54 NOT L38
L56      6 S L55 NOT L47
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L57      112 S E1-E2
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L60      9 S L59 AND (SYNERG? OR ENHANCE?)
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L62      3 S L61 NOT L23
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L64      1 S L63 NOT L47
L65      0 S L64 NOT L56
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L72      1 S L71 NOT L23
L73      1 S L72 NOT (L29 OR L38 OR L47 OR L56)

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